

## KDP & DKDP CRYSTAL

### WISOPTIC Advantages of KDP/DKDP

- High deuteration ratio (>98.0%)
- High homogeneity
- Excellent internal quality
- Top finish quality with high processing precision
- Large block for various size and shapes
- Very competitive price
- Mass production, quick delivery

### WISOPTIC Standard Specifications\* of KDP/DKDP

Deuteration Ratio	> 98.00%
Dimension Tolerance	± 0.1 mm
Angle Tolerance	≤ ± 0.25°
Flatness	< $\lambda/8$ @ 632.8 nm
Surface Quality	< 20/10 [S/D] (MIL-PRF-13830B)
Parallelism	< 20"
Perpendicularity	≤ 5'
Chamfer	≤ 0.2mm @ 45°
Transmitted Wavefront Distortion	< $\lambda/8$ @ 632.8 nm
Clear Aperture	> 90% of central area
Laser Damage Threshold	> 500 MW for 1064nm, TEM00, 10ns, 10Hz (AR-coated) > 300 MW for 532nm, TEM00, 10ns, 10Hz (AR-coated)

\* Products with special requirement upon request.

CONTACT **WISOPTIC** FOR THE BEST SOLUTION FOR YOUR APPLICATION OF **KDP/DKDP** CRYSTALS.